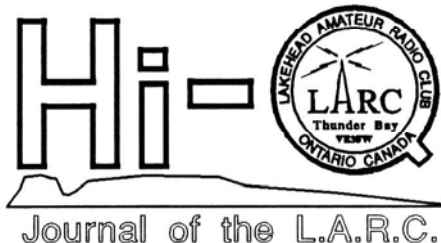


Repeaters:

VE3YQT — 147.06 -
and
VE3TBR — 146.82 -



Meetings:

Second Thursday each
month, Room 245, in the
McIntyre Building,
Confederation College.

The L.A.R.C. is a member of Radio Amateurs of Canada (RAC).

Radio Amateurs of Canada (RAC) Off and Running

VE3VCA Steve VE3GRS at the keyboard

On Sunday May 2, 1993 Canada's new single Amateur radio Organization was officially signed into existence!

Highlights of the ceremony included the induction into the Canadian Amateur Radio Hall of Fame of three distinguished Amateurs: Noel Eaton, VE3CJ, Member, and Oscar Hierlihy VO1DI, and Ralph Cameron, VE3BBM, Award of Honour.

Greetings from ARRL and IARU were given by Dr. Larry Price, W4RA, Secretary of IARU, and past President of ARRL. He indicated that RAC has been recognized as the Canadian IARU Representative, an event accomplished in record time.

After the ceremonies, the RAC Board held its first Board Meeting. The Board approved the plans for the finances, fees, and the organization of some of the integral elements. It was decided to retain membership fees at their present level for at least the next year.

Discussions took place for a fall membership drive and the 1st National RAC Convention to be held in Calgary in July of 1994.

Housekeeping matters too numerous to mention in this bulletin were attended to. Full minutes of the meeting will appear in a future edition of TCA. The meeting adjourned on a very positive note - RAC has been Born!

LARC Invitational Foxhunt

— Advance notice —

Mark the week end of 11 September 1993 as the time to be in Thunder Bay. The Lakehead Amateur Radio Club invites all clubs to enter teams in our first Annual Fall Foxhunt. We start the day with breakfast at the Blue Parrot restaurant at 9:00 AM followed by the Foxhunt at 11:00 AM.

We will also hold a Packet Clinic Sunday 12 September commencing at 10:00 AM at VE3SAO, the amateur radio station at 55+ Centre on River Street. Clinic duration will be 3 hours. More details later as we tie it all together.

A Summer of Foxhunting...

Now that you have built your Amateur Radio Direction Finding (ARDF) antenna, under the expert tutelage of Bill, VE3EFC, you will get to test your ARDF skills throughout the summer. The hidden transmitters (the quarry) are in the final testing stage as we go to print. Co-ordinators for these events are Moe, VE3XMI and Axel VE3OPF. The first hunt on June 6th will be simply to iron out the wrinkles, no points for this one. Points will be awarded cumulatively for the next four events. The Les Harris Memorial Trophy will be awarded to the team with the most points at a "bring and cook your own" BBQ after the fifth hunt. In the list below there are two classes of events.

The first is **Mobile**, where in the hunter must be prepared to drive anywhere within the limits of the City of Thunder Bay. The second is **Portable**, which as the term implies, the hunter will be confined on foot to a much smaller area such as a local park. Listed below are the dates and event classification, start time for each event is 2:00 PM.

6 June — Mobile
4 July — Mobile
18 July — Mobile
8 August — Mobile
22 August — Portable

For a couple of fun filled hours, come out and put your ARDF skills and equipment to the test. For more information contact the above co-ordinators.

Historical trivia

In this issue, we introduce a new, regular item of Hi-Q. Each month there will be a question of local, ham related historical (?) interest. A prize will be awarded at the monthly meeting, following Hi-Q distribution, to the person correctly answering the question of the month. In the event of multiple correct answers a draw will determine the lucky winner.

Here is the question for June: (Keep in mind that our club has been known by more than one name over the years.) **When did our club first participate in the annual ARRL Field Day, and where was it held?** Now, I know that is two questions, but if you can correctly answer the first; you surely must know the answer for the second. Bring your answer (or guess) to the meeting on 10th of June. Good luck!

LARC

Founding President:
PJ (Pat) O'Shea VE3FW
1881—1972

Executive

President: Terry Stewardson VE3TKA

Vice-President: Steve Robb VE3KRH

Secretary: Barry Hunter VE3BGA

Treasurer: Skip Wright VE3BBS

Directors: John Kaleta VE3EMI
 Glen Wallace VE3ICY
 Len Catillo VE3ILV
 Norm Bell VE3XRC

Past President: Mark Vukovich VE3VUK

Club Appointments

Emergency Coordinator: Skip Wright VE3BBS

Assistant

Emergency Coordinator: Norm Bell VE3XRC

Licence Sponsor: John Visser VE3HTM

Public Relations: Bob Bishop VE3JAB

Theory Instructor: Ed Baumann VE3SNW

Code Instructor: Norm Bell VE3XRC

HI-Q Editor: Jim O'Brien VE3UA

Assistant Editor: Bill Boland VE3BQR

Volunteer Examiners: Ed Baumann VE3SNW

Dave Kimpton VE3AVS

Bob Mitchell VE3IDJ

Call-Book: Jim O'Brien VE3UA

Terry Stewardson VE3TKA

Garry Michaluk VE3GWT

Pat Phugh VE3PHU

Awards Manager: Norm Bell VE3XRC

Technical — Hardware: Laurie Bridgett VE3BCD

Glen Anderson VE3JAU

Lindo Scalese VE3NHX

Glen Wallace VE3ICY

Bill Unger VE3EFC

Technical — Software: Len Catillo VE3ILV

Steve Robb VE3KRH

Terry Stewardson VE3TKA

EMC Committee: Bob Bishop VE3JAB

Mike Nawrocki VE3ZG

Bill Unger VE3EFC

Laurie Bridgett VE3BCD

Lindo Scalese VE3NHX

New controller demonstration

Be sure to bring your DTMF capable hand-held to the meeting on the 10th of June. The new VE3TBR controller will be set up for a full demonstration of the user features. DTMF is required to enable the bells and whistles so come prepared. If you have a second or third hand-held with DTMF, bring them along as well. Not all members have a DTMF capability yet, but will want to learn from the experience.

Wake up to your waterfront!

LARC has been requested to assist the City of Thunder Bay on Friday and Saturday, the 11th and 12th of June. The City plans a massive water front cleanup and will need about 30 amateurs to help coordinate the efforts of a large number of volunteers (1,000 to 2,000) over the two day period.

The amateurs will be assigned to accompany a number of teams, each responsible for removing debris from their section of the water front.

This will likely be the best opportunity the club will ever have to demonstrate to local authorities and the public, just how effective amateur radio can be in a public service roll. Let's, everyone, get involved in this endeavour.

Unfortunately, the City neglected to discuss dates for the project with Pat or myself. We will not be available to play with you. Our travel arrangements were booked long ago and we are otherwise committed. We will, though, be thinking of you as we enjoy the vista (or toss our breakfasts) on Lake Baikal. Ed.

Field Day

26 — 27 June, 1993

For this year, the 1993 Field Day Committee, Skip, VE3BBS and Eric, VE3XET, have obtained permission to use the facilities of the Department of Communications monitoring station on John Street Road. In particular all the new hams are encouraged to come out and take part. There will be ample parking for all.

The object of Field Day is to work as many stations as possible on any or all amateur bands (except 10 MHz) and in doing so, to learn to operate in abnormal situations under less than optimum conditions. A premium is placed on skills and equipment developed to meet the challenge of emergency preparedness and to acquaint the public with the capabilities of Amateur Radio.

Volunteers will be required for set up, which according to the rules can commence at 1400 EDT on Friday 25 June. Actual operation will run from 1400 EDT Saturday to 1400 EDT Sunday. Operators are required for the entire 24 hour period. It is hoped that all aspects of Amateur Radio will be used, with the exception of ATV (Amateur Television) so there will be something for all — SSB, CW, RTTY, AMTOR, and PACKET.

Field Day Rules as well as Dupe Sheets, Logs etc will be provided so other than your body and favourite key, paddle or mike nothing else is required. If sufficient interest is shown a Bar BQ or something along that line can be arranged.

We will also hold a mini Ham Fest, so bring those treasures you want to move to some other QTH — there will likely be a buyer in attendance. **REMEMBER! One ham's junk is another ham's treasure!**

Lost friends...

Occasionally members move without leaving a forwarding address. Their Hi-Q is returned bearing the stamp "Moved, address unknown."

Often we manage to locate them and can then forward subsequent issues.

We have not been able to locate VE3ENP, Ernst Peters. If you know where he went when the school year ended please let me know.

We are also trying to locate Michael Taddeo, last known address was 554 Winnipeg Ave. Thunder Bay. Michael was a ham student attending the last session of classes.

As a preventative measure, if you are planning a change of address let me know.

You can teach an old dog new tricks

By: Skip VE3BBS

During one of the frequent coffee calls, at a the local doughnut shop, the topic of mike gain and ALC meter readings came up for discussion. Mike VE3ZG was the teacher and XRC and BBS were the old dogs. I run my rig with a mike gain of about 2-3 on the scale of my Kenwood TS-820; Norm mentioned he was about the same and that the ALC meter reading was in the acceptable range. Then the teacher ZG interrupted and said if your ALC is showing on the meter for other than on voice peaks, your mike gain is too high. After a rather lively discussion, Mike made his point. That night both Norm and I experimented with the information; and lo and behold, **IT WORKS!** Most manuals state that the meter needle should be held within the ALC zone, however, if the meter is continually active that means that your ALC is active also. So you have continual clipping of the signal, or in effect, square waves. These type of waves will create TVI/RFI. So a word to the old dogs and the newer ones as well, keep the mike gain down and watch your meter readings. It may save you a lot of grief.

Missing Hand-held

Please be on the lookout for the following: 2 Metre Yeasu FT-415 hand-held transceiver, Serial number 1L052675. If you know the whereabouts of this hand-held, please contact Mel, VE3MEN at 473-1953.

Dayton HamVention 94

By: Skip, VE3BBS

Since the return of hams from HamVention '93 the idea of arranging a bus trip for HamVention '94 has been kicked around by various members of the club. The executive has done some costing and based on figures available at this time, a bus trip, including hotel accommodation in Dayton, is within reach of most hams in the immediate area. Based on 40 participants and 3 nights double occupancy while in Dayton, the cost would be approximately \$400.00 CDN. Meals and other incidentals would be extra and at the individuals expense.

The Lakehead Amateur Radio Club is prepared to proceed with booking this trip based on a response from amateurs in the area. Requests must be received prior to 30 June 93 along with a down payment of \$100.00. The remainder of the approximate outstanding balance could then be spread over equal payments up to and including the end of February '94. Dates for HamVention '94 are April 29 30 and May 1st. Departure from Thunder Bay would be the Wednesday evening with return Monday evening. Interested persons should contact Skip VE3BBS at 807 767 2307, VE3YQT (2M) or on the Northwestern Ontario ARES 3750 HF net.

LARC/Hi-Q Information

Hi-Q is published ten months of the year by the Lakehead Amateur Radio Club Inc. (LARC), an Ontario registered, non-profit corporation. Contributions related to amateur radio and in particular, articles of interest to Northwestern Ontario amateurs are encouraged. Send your articles direct to the Editor, Jim O'Brien, VE3UA, at 737 South Norah Street, Thunder Bay ON P7E 1P6. Dated announcements should be received by the editor no later than ten days prior to the first day of the month in which the notice is to appear. Submissions for publication may be in any format however; WordPerfect® 5.1 is preferred (the disk will be returned). Files may also be submitted via modem by prearrangement at 626-9648 (2400 N, 8,1) or on PACKET to VE3UA@VE3TKA.NON.ONT.CAN.NA.

The opinions/viewpoints expressed or implied in Hi-Q are those of the contributing authors; the LARC, Hi-Q or its' Editors assume no responsibility for the accuracy of information submitted. Material in Hi-Q may be copied for non-profit use by the amateur radio community provided credit is given to the author and source(s).

As a means of reducing production and distribution expenses, Hi-Q will accept advertising at the following, per issue, rates: Full page — \$60.00, ½ page — \$40.00, ¼ page — \$20.00; and 1/8 page — \$15.00. Reduced rates, of one third off, are available upon receipt of advance payment for 10 issues or one full year. Send your "camera ready art work" and cheque (payable to LARC) to the Club address below. Advertising matter that appears in Hi-Q implies neither endorsement nor recommendation of the product or service by the LARC, Hi-Q or its' Editors.

LARC membership fees, determined annually, are set for 1993, as follows: Regular — \$30.00, Associate — \$20.00, Associate (attending Ham classes) — \$80.00, Student (attending school full time) — \$15.00; and Family — \$30.00 plus \$10.00 for each additional member of the family at the same address.

Hi-Q is distributed to all LARC members, except that only one copy is issued to each address.

The club call is VE3FW in honour of our founding president Pat O'Shea. The LARC owns and operates two VHF repeaters, VE3TBR on 146.82 MHz (minus) located atop St. Joseph's Heritage and VE3YQT on 147.06 MHz (minus) located on Mount Baldy. The club mail address is: Lakehead Amateur Radio Club Inc., P.O. Box 2571, Thunder Bay ON P7B 5G1.

RAC and The Canadian Amateur

CONTACT "Radio Amateurs of Canada" (RAC) TODAY!!!

Be sure to get your copy of the July 1993 issue of

"THE CANADIAN AMATEUR" (TCA)

From VE7VCA via Packet.

The start-up of "RADIO AMATEURS OF CANADA" (RAC) May 2, 1993 marks the beginning of a new era in Canada's national amateur radio affairs. If you're not a CARF or CRRL member now, you will want to ensure that when they dissolve May 2nd you'll start receiving RAC's new expanded amateur radio magazine each month, AND ESPECIALLY THE "JULY" ISSUE, which will contain the story of the CARF and CRRL merger. It will be a great HISTORICAL SOUVENIR! You will want to get on board by joining "RADIO AMATEURS OF CANADA" right NOW!!!

As a member of "RADIO AMATEURS OF CANADA" you get so much GREAT SUPPORT from the following:

FREE OUTGOING "QSL" BUREAU SERVICE

INTERNATIONAL REPRESENTATION - "International Amateur Radio Union"

REPRESENTATION WITH GOVERNMENT (DOC)

REPRESENTATION WITH PROVINCIAL AND LOCAL MUNICIPALITIES

REPRESENTATION ON "Radio Advisory Board of Canada" (DOC & Industry)

NATIONAL ADVISORY COMMITTEES on every major aspect of the hobby

NATIONAL FIELD ORGANIZATION (ARES, NETS & TRAFFIC SERVICE)

THE CANADIAN AMATEUR RADIO HALL OF FAME

AFFILIATE CLUBS PROGRAM

RECIPROCAL LICENSING SERVICE

AWARDS AND CONTESTS

DOC EXAMINATION "Certificate Study Guides" and "Question Banks"

CANADIAN REPEATER GUIDES

CANADIAN CALL SIGN AND ADDRESS INFO (books and PC diskettes) AND MUCH, MUCH MORE!

AND "The Canadian Amateur" magazine 11 times a year featuring:

- Up-to-date news on DOC affairs and regulations
 - Information on international affairs
 - Great columns on DX, Contests, Packet, Computers, Propagation, EMC Matters, QRP, Antennas, YL News and
 - A host of feature stories about Canadian amateur radio from coast to coast
 - Valuable operating guides and information
 - Canadian amateur equipment advertising
 - Product reviews
- ... and MUCH, MUCH More!!!!

All for \$28.00 per year (GST included)!!! ...Ed.

CONTACT: RADIO AMATEURS OF CANADA
Administrative Office
P.O. BOX 356
KINGSTON, ON K7L 4W2

***** TEL OR FAX: 613-545-9100 *****

RAC MEETS DOC DEPUTY MINISTER

From: VE3VCA Steve VE3GRS at the keyboard

Radio Amateurs of Canada had a positive meeting with DOC in Ottawa on 28 April 1993. We discussed DOC's approach to Canada's amateur radio service in a meeting with Deputy Minister Marc Rochon. RAC President, Farrell Hopwood VE7RD, stated "The Deputy Minister said he learned a lot from the discussions and that many of the issues we placed before him can be resolved by working together with his staff in Ottawa and in the Regions." M. Rochon became Deputy Minister in 1992.

The unlawful restriction of antenna tower heights was reviewed in detail including the list of municipalities carrying by-laws which challenge the powers of DOC over such matters. The need for more effective monitoring and enforcement of regulations and the need for responsible action by those who manufacture and sell electronic devices which are susceptible and not electromagnetically compatible (EMC) was discussed at length. Special emphasis was placed on the preservation of exclusive VHF/UHF amateur bands for the needs of our rapidly expanding numbers, (now over 36,000 Hams).

RAC remains very concerned over the loss of VHF bands. The need to preserve the remaining VHF amateur exclusive bands was discussed at length. FCC has asked to meet DOC to negotiate a band sharing agreement which could adversely affect the amateur segment 220-222 MHz. The FCC wants an agreement before fully implementing

Land, Fixed and Mobile services in the US. DOC told RAC that the needs of Canadian Amateurs will be an important part of any future decision on the use of the band. DOC will shortly issue a paper on the possible re-allocation of frequencies from 30 MHz to 890 MHz spectrum. Amateurs, among many others, will be invited to address 220-225 MHz band use at that time.

Those representing RAC included Farrell Hopwood VE7RD, Dana Shtun VE3DSS, Earle Smith VE6NM, Tim Ellam VE6SH and Bill Wilson VE3NR. Deputy Minister Marc Rochon's staff included Bob Jones, Director General Radio Regulatory Branch, Maurice Nunas, Director Spectrum Operations, S.N. Ahmed, Director General Engineering Programs Branch. A second meeting to address 220-222 MHz matters was attended by some of the above and David Warnes, Manager Long Range Spectrum Planning and Chris Laskas, Chief, International Systems Radio Regulatory Branch, who are involved with negotiations with FCC.

DOC reacted favourably to the RAC proposal for a permanent Amateur Radio Advisory board composed of key officials of DOC and RAC. It is expected meetings will be held at least twice a year beginning in the Fall of 1993.

CAMP 807

Anicinabe Park in Kenora is the site for CAMP 807 — 1993. Plan on attending CAMP 807 for a week end of fun. It's a good chance to put a face to a call you have only heard on the air. CAMP 807 will be held Friday, July 30th through Saturday, August 1st, the first August long weekend.

For more info. contact Bill McKie VE3WMK (807) 547-2234, Box 453 Kewatin ON POX 1C0.

Naturalists of the night and the day...

Sleeping Giant Provincial Park will be the place to be on the weekend of 23rd — 25th of July. Bring your mobile radios and camping gear, plan to stay Friday and Saturday nights. If you announce your intention to operate on HF 7055 kc (the Trans Provincial Net frequency) using the **Special Event Prefix CF** you will be admitted free of charge.

The Lakehead Amateur Radio Club has been invited to join with The Thunder Bay Centre, The Royal Astronomical Society of Canada and The Thunder Bay Field Naturalists for a fun filled weekend.

There are 260 Ontario Provincial Parks. Use the prefix **CF** on 7055 kc; see how many other parks you can contact. **Good luck!**

Sixtieth Anniversary Committee

By: Bill Unger VE3EFC

On April 17, 1994 the Lakehead Amateur Radio Club will be celebrating it's 60th anniversary. I've been asked to chair a group of people to come up with a suitable method of marking this occasion.

At the moment we have no specific plans or ideas. The first question we should ask is there sufficient interest to go ahead with a special set of plans for this occasion.

If there is enough interest to go forward I would like to make this a special and memorable year for all the members of the LARC.

There are many ways to commemorate this special year, perhaps a written history of the LARC, a dinner and inviting all former members of the LARC to attend where ever they may be now, an award, a special prefix, a display at a local mall, having a Ham Radio week declared in Thunder Bay, etc. As you can see there is no shortage of ideas.

In the event we do plan for a reunion, please be alert during QSOs; determine the present address of those contacts that report they made their home here in the Lakehead in the past. Ask for dates of when they were here. Take notes and let your executive know if any old timers turn up.

I am looking forward to making this a special year for the LARC. I will need your help and will be asking you for your proposals and assistance over the next few months. If you have any thoughts or suggestions please give me a call at work, 767-1161 or at home, 683-3141.

LARC jackets, shirts or caps

Many members have indicated an interest in getting a club jacket. Mark, VE3VUK, has looked into prices, styles and availability.

Printables, Promotional Sportswear has offered us a jacket similar to the Ryden's Border Store jackets. It has a satin type finish and is available in various colours. Prices vary according to quantity ordered. The concept discussed to date is that we would take requests and submit one large order to take advantage of the lower prices by bulk ordering. A heart or fist sized crest based on the one shown here could be embroidered on the front left. The background (white) is the jacket material. The rings and letters can be any of four colours. A similar but smaller crest could be put on a suitable ball cap. We could also have our call and name on the jacket sleeve.



Sweat shirts and T-shirts by Hanes (material composition, 50/50) could easily be silk screened with a larger size crest. Prices below are approximate, based on an order of fifty. They are for the basic item, crests are listed separately and should be added to the basic item price.

Attend the next meeting, place your order.

Jacket	\$31.00		
Silk screen 4 colour print badge	\$3.95		
Embroidered badge	\$4.80		
	White	Light	Dark
Sweat shirt	\$14.55	\$15.25	\$16.50
T-shirts	\$6.50	\$7.25	\$7.50
Silk screen 4 colour print badge	\$3.95		

Up-grades...

Congratulations go out to Jason, VE3JZN on his passing the 5 wpm code test. Sticking with it pays off Jason, good to hear you on HF.

MATTI NUMMELIN
Publisher
Phone: (807) 344-1611
FAX: (807) 344-1879

VE3EEI
ex OH2ZD
DXCC 230
10-10 # 4623

CANADAN UUTISET

218 Wilson Street, Thunder Bay, Ontario P7B 1M8

*Best wishes to Pat, VE3HFS, and
Jim, VE3UA, on their
Irkutsk Expedition!*

The oldest Finnish Language Newspaper in Canada

We welcome!

This month we offer congratulations to Annabel Randle VE3XAW and Bob Gillespie, VE3BHN for passing the basic requirements. These two took the test just after I had duplicated the May Hi-Q and therefore could not be included in the last column.

Annabel achieved an outstanding high grade, considering she studied at home as did her husband, Dwayne, VE3DZR, the month before.

Norm Wright, VE3PMY of Cochenour reports there are six new hams in the Red Lake area. Congratulations and a very warm welcome to the ham community is offered to the following:

VE3WFN, Fred de Wind, VE3FPR, Paul Frey, VE3JMQ, John Mast, VE3LTH, Leonard Hochstedler, VE3JRI, Jim Reid; and VE3DYS, Dan Sweedberd.

Norm also advises WA3SSC, Lee Martin is visiting from south of the border. Welcome to Northwestern Ontario, Lee.

To all the new folks, don't be strangers, when you're in town check in on the repeater. We don't bite and you might be invited out for coffee.

More Nor-Ont Repeaters

We understand there are two new Northern Ontario repeaters. Brian, VE4RBL, reports one at Kapuskasing on 146.70 and the 146.94 machine in Wawa has been reactivated. Both have a minus split.

Wayward 73s

By: John, VE3GTX

To follow up on the article from last month. Just as I thought I had this report together, today, May 19th, the mailman left the April edition in the mailbox..... Since our last report:

Hi-Q editor Jim VE3UA presented publisher Wayne Green with a copy of last month's article at the Dayton Hamvention. Wayne said he would read it on his return flight home.

I received an envelope from 73 with the March, April and May editions that was at my door when I returned from Dayton. On May 12th the March issue arrived at my door and on May 18, I received yet another envelope containing March April and May editions.

By the time you read this the June issue should be in our hands if the problems have been dealt with. We still wait for a reply from Wayne.

Next Hi-Q...

Summer is (hopefully) coming, I want to enjoy it. The next Hi-Q will be the September '93 issue. Submissions received after 20 August will not appear in the September issue. May the sun warm your back and may a balmy summer breeze keep your brow dry!

73, de Jim, VE3UA.

LARC Financial Statement

01 September, 1992 to 13 May, 1993

Income		Expenses	
8 conductor rotor cable sales	248.00	General administration	418.46
92-93 Membership dues	2,965.00	Club projects and meetings	58.49
Antennas	286.05	Annual Dinner	1,067.41
Donations from members	1,305.83	Course	474.50
Donations to Irkutsk Fund	2,969.02	NWO Call-Book	397.17
Interest from accounts	16.20	VE3TBR Up-date	3,050.86
Proceeds Annual Dinner	1,062.00	Tower jobs	333.67
NWO Call-Book sales	539.43	VE3YQT Up-date	759.56
RG-213 coax cable sales	1,022.50	Maintenance fees (Bank)	18.50
Student course fees	1,363.50	Donation - Can. Cancer Soc.	100.00
Transferred from savings account	2,691.15	Outflow - Irkutsk fund	2,255.00
		Phone lines - Repeaters	329.41
		Postage - Hi-Q	707.84
		Purchase 8 Cond. Rot. Cable	460.00
		Purchase RG-213 Coax Cable	1,035.00
		Supplies - Hi-Q	211.13
		Transferred to Savings Acct.	1,287.00
Total Income	14,468.68	Total Expenses	12,963.64
	Balance		1,505.04
	LARC Chequing Account balance forwarded		705.07
	Net Balance		2,210.11

10-10 International

Heard some discussion of 10-10 numbers, a few months ago on VE3YQT, as I was listening on a scanner I could not make enquiries. I cannot recall now who was in the discussion. If this article jogs your memory please contact me. The following are excerpts from the 10-10 International News column by Chuck Imsande, W6YLJ (10-10 19636), found in WORLD RADIO, June 1993. Ed.

Next 10-10 SSB QSO Party

This may be a little soon, but mark your calendar for the weekend of the 7 and 8 August. This is the weekend of

the next 10-10 SSB QSO Party (or contest). 10-10 QSO parties are fun and, although they run for 48 hours, it is an easy contest, as the 10M band usually goes out sometime in the evening hours and re-opens in the morning hours. This period of little or no propagation provides for a few hours of Sleep! Join in and enjoy exchanging numbers and working new states, counties, countries or just give your number to someone who is seriously in the contest.

For more information send your request along with a green stamp US\$1.00 (to help cover printing), two first-class stamps and your address label. Direct your request to:
 Chuck Imsande W6YLJ, #19636,
 18130 Bromley Street,
 Tarzana, CA 91356-1701
 USA

Ed's Repeater Bible!

By: Ed, VE3SNW.

Welcome to the Thunder Bay repeater community! The number of local hams has certainly swollen over the past few months and new calls have graced the frequencies. Like any "society" certain norms have evolved over the years of the repeater usage and some of these you may not be aware of. In order to correct this, I hereby present "Ed's Bible of Repeater Etiquette"

- 1) **Listen first!** This will accomplish many things. You will pick up on our quirks and learn a few things about us. Listening first will also prevent you from interfering with someone else's QSO or emergency in progress.
- 2) Depress the Press To Talk button **first**, then **speak**. The first couple of QSO's are pretty exciting, but if you don't hit the clench to talk switch first we won't hear you, or worse, only catch half of what you said.
- 3) Pause between groups of speech, or wait for the courtesy beep if the repeater has one. When you "tail end" your buddy, other operators who need to break in with emergency or urgent traffic, can't. If you've been on the repeater a long time, ask if anyone requires the frequency. **Note:** Skip Wright, VE3BBS, is the local **ARES co-ordinator** and is the one to contact if you run across a major disaster, or conversely he will announce an emergency, in which case go to rule one. Contact Skip for details about ARES (Amateur Radio Emergency Service).
- 4) Identify with your **whole** call sign. This is the law, check **RIC-25** if you won't take my word for it. It's a really bad habit to get into, and really irritates the DX stations when you get on HF.
- 5) Ye Olde Phone Patch and other Esoteric Digital Effects. Listen first. Identify before, during and after your call. If you are testing or learning how to use the various toys, I mean functions, say so. If you are testing listen and make sure the repeater is not in use. Identify and pause often. Pick an off time to test on the repeater. Ten minutes before lunch is not a good time to test DTMF tones. When using the patch, **make it clear you are on an Amateur Radio Repeater** and that many others are listening. Do not use the patch if there is a regular phone handy. **Business calls are not permitted under any circumstances!** Don't hesitate to dump the Patch if the person on the other end becomes rude and abusive. If you anticipate someone calling you on the reverse patch, explain to them beforehand that this is a privilege and that you are under no obligation to speak to them if they are vulgar. If you don't # them, somebody else will.
- 6) The use of the word "**BREAK**" to interrupt a QSO in progress is **RESERVED FOR EMERGENCY or URGENT SITUATIONS**. Its use as a general interrupt is not appropriate. This, and other carry overs from 11 meter operation will label you as a LID by the older ops. Humour them, they paid for the machine you are using now. If you want to break in with a general comment or to call someone, use your callsign.
- 7) Be courteous and helpful. If someone needs the repeater briefly, relinquish it. If someone needs information or help, do your best to be helpful. If you can't, try and hand them off to someone who can. If you hear help in progress, stay quiet unless you can add something truly useful. Read the Amateur Radio Code of Ethics in the ARRL Manual for more detail.
- 8) If your radio scans, make sure it's locked on the right frequency before you speak. If you use your radio as a scanner, do not program in the offsets and PL tones for non-amateur frequencies, just in case you do key up on the wrong memory channel. Businesses and Police agencies pay a lot of money for their licences and take them very seriously. Your presence will not be a source of amusement to them, or the DOC.
- 9) Be polite and don't criticize over the air. Snide comments will label you as a jerk. Speaking of jerks, everyone of them has a scanner and your life is their major interest, because they don't have one of their own. Some things are best left unsaid, or said in an "eyeball QSO"
- 10) Try simplex. There is no law that states you must use a repeater to communicate on VHF.
- 11) Expand your horizons. Discover a new mode (EME, Meteor Scatter, Packet, RTTY, Telegraphy) Amateur radio has much to offer, don't deprive yourself by sitting on the repeater.
- 12) Ask. None of us were born rocket scientists. We all learned just like you are doing now. A simple question is a lot better than an expensive mistake.
- 13) Repeaters cost a lot of money and were paid for by donations and club memberships. Do your part by buying a club membership and helping out when the need arises.
- 14) Introduce someone to Amateur Radio and encourage them to get licensed. Without a strong base of amateurs, these frequencies will be history.
- 15) Above all, have fun.

Minutes of a meeting of the Lakehead Amateur Radio Club, held at Confederation College in room 245, Thunder Bay, Ontario on May 13th, 1993

The meeting was called to order at 19:30 with 39 members and guests in attendance.

Review of previous minutes:

The Minutes of the last meeting dated April 8th, 1993 were published in detail in this month's Hi-Q. All members are on distribution. No questions, additions or deletions were noted.

VE3RVA, Bob moved the minutes be accepted as distributed. VE3XT, Leo seconded the motion - Carried.

Treasurer's Report:

VE3BBS, Skip advised that the chequing account transaction totals for the period 1 September, 1992 to 13 May, 1993 were: income — \$15,173.75, expenses — \$12,963.64. A net balance of \$2,210.11 remains as of April 8th, 1993.

VE3MEN, Mel moved the Treasurer's Report be accepted. VE3KRH, Steve seconded the motion - Carried.

2 Meter Repeaters — Update:

VE3TKA, Terry advises that repeater VE3YQT is noisy due to Mother Nature and the greening of the trees. He stated that it should be corrected as soon as the bottom end link antenna was moved to the permanent location on the building roof.

A new digital repeater controller has been purchased as replacement for VE3TBR. The controller is expected within the next two weeks and should be installed within the next 2 months. *Attend next meeting for a demonstration. Ed.*

Update on Field Day:

Permission has been received from the DOC to use their monitoring site for Field Day. VE3BBS, Skip and VE3XET Eric visited the Monitoring Site located 2 miles past the John Street Dump. This location is considered to be the second best R.F. site in Northwestern Ontario (surpassed only by amateur radio station VE3HFS which

is located next door). There are four 60 foot towers and one 150 foot tower. They presently have dipoles mounted for receiving only. Skip advised that the club is trying to get the use of a Generator from Trans Canada Pipelines for Field Day and will report on his progress at the next meeting.

Field Day takes place on the last weekend in June and runs for 24 hours (2 p.m. Saturday to 2 p.m. Sunday) nonstop. All members are encouraged to participate.

VE3YQT Statistics:

VE3KRH, Steve reported the following repeater activity from January 1st to May 10th: 143,458 Key-ups, 29,838 Minutes of activity; and 393 phone patches

Foxhunt Update:

VE3OPF, Axel reported that an ARDF antenna construction seminar would be held in the Shuniah Bldg. Room C238 May 16/93 at 1 p.m. VE3EFC, Bill will instruct the class. Cost of parts \$6.00. *See the Foxhunt article for event dates. Ed.*

Irkutsk Update:

VE3HFS, Pat advised that our Government had been informed of our intention to visit and twin LARC with the Irkutsk Radio Club. They were also apprised that we were donating solid state radios which would remain in Irkutsk. He informed the members that a request was made of the Government for assistance in the form of transportation of radio equipment. Four months later a negative reply was received advising that no financial or other support was available. The club's Irkutsk Fund is on target with \$3,000.00 received to date. A Yaesu FT-747, an Icom IC-735 and a PK-232 TNC have been purchased and a laptop computer is being considered. Pat advises that the Russian Visas have been received and flights arranged. Departure date is June 4th, arriving in Irkutsk June 6th. They will be staying with families to keep costs to a minimum.

He requested pictures of members in their shack as well as one showing their station antennas. The photos will be left with the Russians. Please write your call sign on the reverse of the picture.

L.A.R.C. 60th Anniversary — 1994:

VE3EFC, Bill has been appointed Chairman of the Anniversary Committee. Ideas from membership would be appreciated to help plan for this occasion. Bill advised that a article will appear in the June HI-Q.

Wake up to your waterfront!:

VE3BBS, Skip advises that the LARC has been requested to provide on site communications for the cleanup of 125 KMS of Thunder Bay shoreline. This event will involve 1600 volunteers not including Commercial Businesses. The dates are June 11th and 12th. The volunteers will be split up into 20 sections to cover all waterways. Headquarters will be at the EMO Office on Vickers Street and a minium of 20 Amateur Operators are required. Please contact Skip if you wish to volunteer your service for this worthwhile cause.

50/50 Draw:

VE3TKA, Terry thanks everyone - he won \$12.00

Club Jackets:

VE3VUK, Mark advises that arrangements have been made to have Club Jackets available for anyone who would like to purchase them.

Radiograms:

VE3BBS, Skip provided a slide presentation covering the proper procedure for handling traffic using Radiograms. Radiograms should be limited to 25 words or less and be of non commercial nature.

New Business

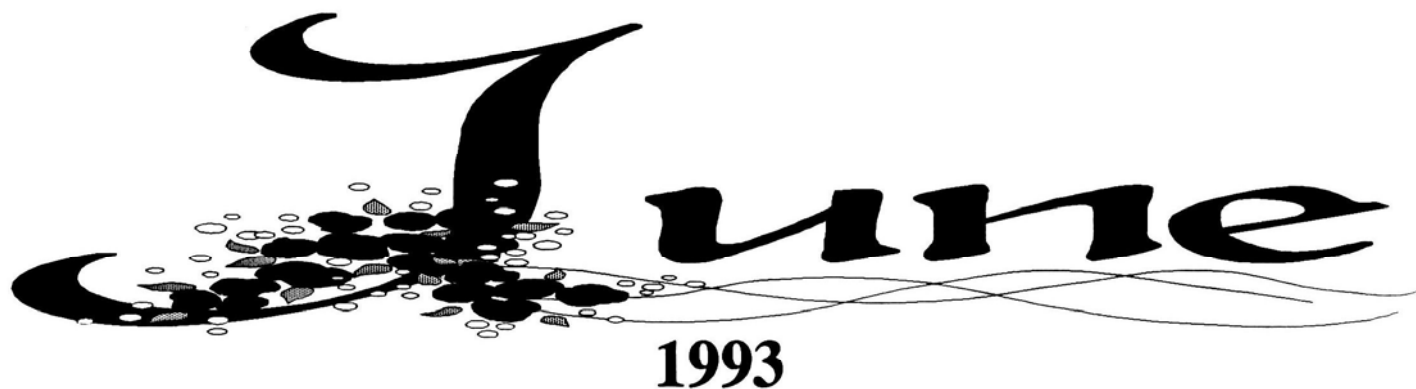
VE3AJ, Bill declared the ANTENNA SEASON OFFICIALLY CLOSED. *Then, it snowed on Saturday during the construction of 3 towers and antennas. Perhaps it was a message — Don't mess with Mother Nature!!!*

Meeting Adjourned.

G A R A N T E N N A S



*Wish Pat and Jim success on
their trip to Russia
in June, 1993.*

VE3BBS Skip
Phone: (807) 768-8164, Fax: (807) 768-9838
VE3BGA Barry



June

1993

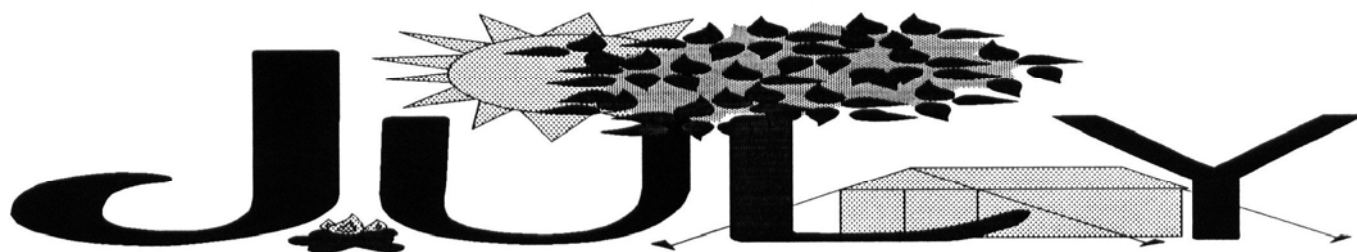
SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4 Irkutsk trek departs.	5
6 Foxhunt See Page 1.	7 7:00 PM 2M Mini Net & Swap'n'Shop VE3YQT	8	9	10 7:30 PM LARC Meeting	11 Harbour Clean-up See Page 2.	12 Harbour Clean-up ARRL June VHF QSO Party
13 ARRL June VHF QSO Party	14 ARRL June VHF QSO Party 7:00 PM 2M M-N & S-S VE3YQT	15	16	17	18	19 All Asian CW DX Contest
20 All Asian CW DX Contest Father's Day	21 7:00 PM 2M Mini Net & Swap'n'Shop VE3YQT	22	23	24 Falcon and the Snowman return.	25	26 See Page 2. Field Day 
27 See page 2. Field Day 	28 7:00 PM 2M Mini Net & Swap'n'Shop VE3YQT	29	30	RAC Canada Day Contest — 01 July 1993 See July calendar (following page) for details.		

MOSAIC COMPUTERS


Anthony Lai, VE3WAI

Wishing Jim, VE3UA and Pat, VE3HFS Success in Russia

279 South Algoma Street, Thunder Bay, Ont P7B 3C3
Tel: (807)345-3663 Fax: (807) 345-0099



1993

SUN	MON	TUE	WED	THU	FRI	SAT
1993 Canada Day Contest Basically the same contest with some changes in the rules and entry categories. Time: 0000Z to 2359Z, 01 July 1993. Exchange: Canadians send RS(T) and Province or Territory. Foreign and VE0 stations send RS(T) and serial numbers. Log entries must be received by July 31, 1993; and should be sent to: RAC, PO Box 356, Kingston, Ontario K7L 4W2. More information with regards to rules, multiplier table, and entry form is available from Skip VE3BBS or see May 93 issue of The Canadian Amateur.				1  RAC Canada Day Contest	2	3
4 See page 1. Mobile Foxhunt	5 7:00 PM 2M Mini Net Swap'n'Shop VE3YQT	6	7	8 LARC Meeting Check YQT for QTR & QTH.	9	10 CQ WPX VHF Contest
11 CQ WPX VHF Contest	12 7:00 PM 2M Mini Net Swap'n'Shop VE3YQT	13	14	15	16 Hamfest Minneapolis	17 Hamfest Minneapolis
18 See Page 1. Mobile Foxhunt	19 7:00 PM 2M Mini Net Swap'n'Shop VE3YQT	20	21	22	23 Sleeping Giant Prov. Park, See Naturalists... Page 5	24 Sleeping Giant Prov. Park, See Naturalists... Page 5
25 Sleeping Giant Prov. Park, See Naturalists... Page 5	26 7:00 PM 2M Mini Net Swap'n'Shop VE3YQT	27	28	29	30	31 CAMP 807 in Kenora See page 5.

Special Event — July

To commemorate the 100th Anniversary of the Ontario Provincial Park System, the DOC has authorized Ontario amateurs to use the prefix CF during the month of July 1993. See related article — Naturalists...Page 5.



August

1993

SUN	MON	TUE	WED	THU	FRI	SAT
1 CAMP 807 in Kenora See Page 5.	2 CAMP 807 7:00 PM 2M M-N & S-S VE3YQT <hr/> Civic Holiday	3	4	5	6	7 10-10 International SSB QSO Party. See page 7.
8 10-10 International SSB QSO Party, See page 7. Mobile Foxhunt See page 1.	9 7:00 PM 2M Mini Net Swap'n'Shop VE3YQT	10	11	12 LARC Meeting Check YQT for QTR & QTH	13	14
15	16 7:00 PM 2M Mini Net Swap'n'Shop VE3YQT	17	18	19	20	21
22 Portable Foxhunt See page 1.	23 7:00 PM 2M Mini Net Swap'n'Shop VE3YQT	24	25	26	27	28
29	30 7:00 PM 2M Mini Net Swap'n'Shop VE3YQT	31				

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**Northwestern Ontario Amateur Radio
Call-Book
Cumulative Addendum
Issued with June, 1993 Hi-Q.**

Call Change for Addendum Page 10.

In the last Addendum up-date, I published an incorrect Call for Joan Mathieu. **Joan's correct Call is VE3JMZ** not VE3NMJ as published earlier. I regret the inconvenience.

Stan, VE3ELT has moved.

Relpace the corresponding old data with the following:

38 Beaumier Crescent
P5A 2Z1

Silent Key

It is with deep regret that we record the passing of **Les Harris, VE3AYZ**. Les passed away Sunday March 7th, 1993. Les will be sadly missed by us all. Our condolences are extended to family and friends.

We Welcome!

Please welcome the following new amateurs:

VE3DZR Dwayne Randle
528 Simon Fraser Drive
Thunder Bay ONT P7C 5B4
807-577-5698

VE3MXT Marianne Lelieved
R.R. 1
Desbarats, ONT P0R 1E0
705-782-4389

VE3DQS Susan Darling
118 Kenogami Road, Cabin 2
Longlac ONT P0T 2A0
807-876-4691

VE3BTD Bill Chapman
104 Park Street
Longlac ONT P0T 2A0
807-876-2688

VE3HCM Guy Boulet
118 Riverview Street
Longlac ONT P0T 2A0
807-876-4867

VE3PNL Pat Loshaw
27 Rupert Street
Kenora ONT P9N 3B6
807-468-6414

VE3WMK Bill McKie

315 Main Street
Keewatin ONT P0X 1C0
807-547-2234

VE3NHP Duane Mostow
not available
Sudbury ONT

VE3BGT Phil Mostow
1101 Hillside Crescent
Kenora ONT P9N 2Y1
807-468-6833

VE3TDK Greg Mulash
318 Rabbit Lake Road
Jaffray Melick ONT
807-548-2231

VE3XMX Max Setliff
not available
Longbow Lake ONT P0X 1H0
807-548-1845

VE3VAU Alfred Woelke
and
VE3WDV Marcus Woelke
62 Donbrook Drive
Jaffray Melick ONT

VE3YYM Bill Link
373 County Boulevard
Thunder Bay ONT P7A 7R6
807-475-2062

VE3BHN Bob Gillespie
42 Malborough Road
Thunder Bay ONT P7B 1G4
807-344-7704

VE3XAW Annabelle Randle
528 Simon Fraser Drive
Thunder Bay ONT P7C 5B4
807-577-5698

VE3GVG Martin Cheredaryk
RR 5 Pole Line Road
Thunder Bay ONT P7C 5M9
807-935-2964

New telephone number

For **VE3MEN**, delete the old and insert the following new phone number 807-473-1953.